

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065861.D
 Acq On : 23 Jun 2020 15:42
 Operator : VA/SY
 Sample : L3082-14
 Misc : 4.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15

Quant Time: Jun 24 05:58:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

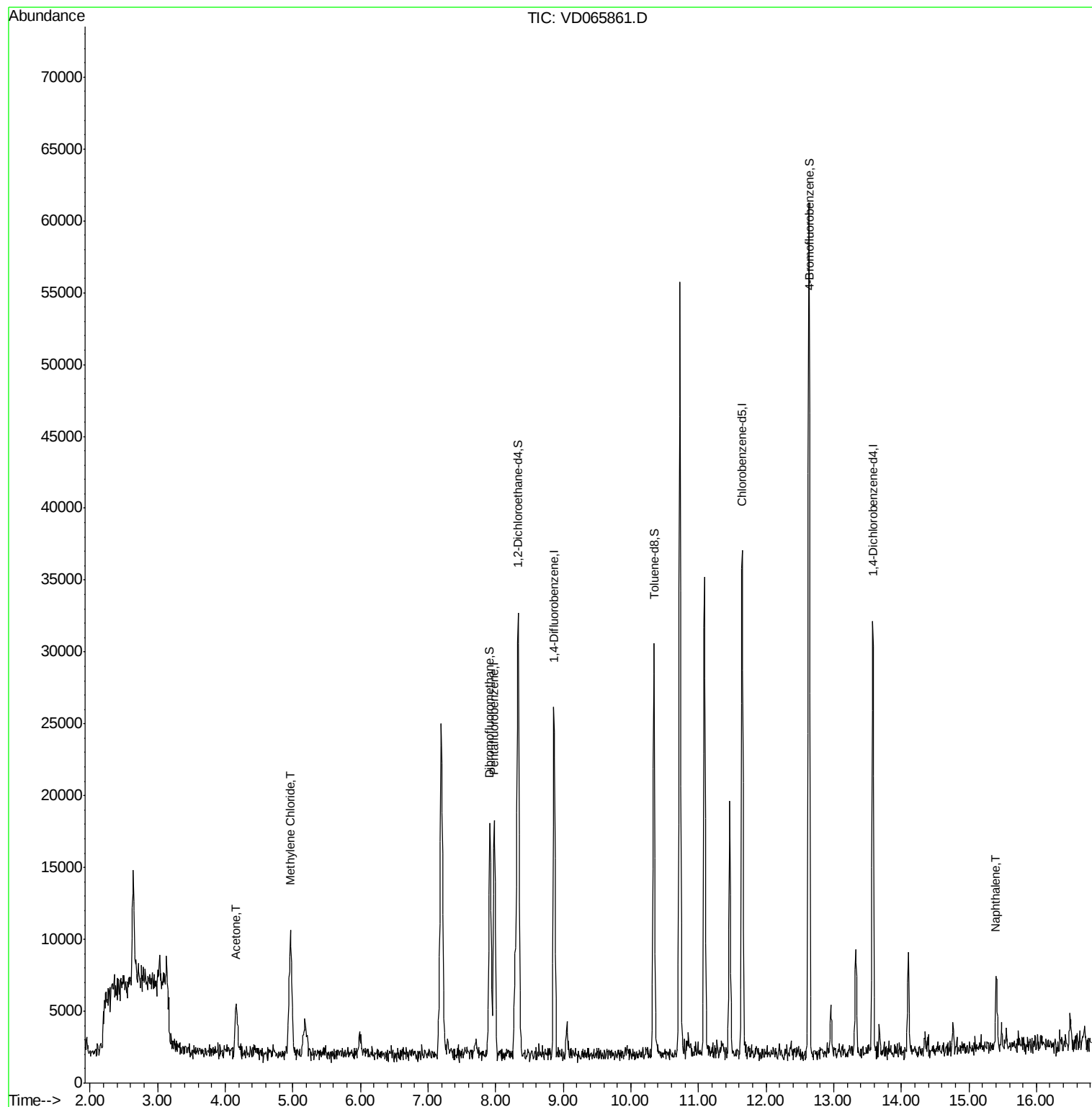
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	11559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	19331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	18843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	7810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	23433	205.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	410.32%	
35) Dibromofluoromethane	7.91	113	11077	90.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.44%	
50) Toluene-d8	10.34	98	18956	41.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.26%	
62) 4-Bromofluorobenzene	12.64	95	7643	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
Target Compounds						
16) Acetone	4.16	43	6108	283.496	ug/l #	85
20) Methylene Chloride	4.97	84	5652	49.338	ug/l	98
95) Naphthalene	15.40	128	4967	20.514	ug/l #	94

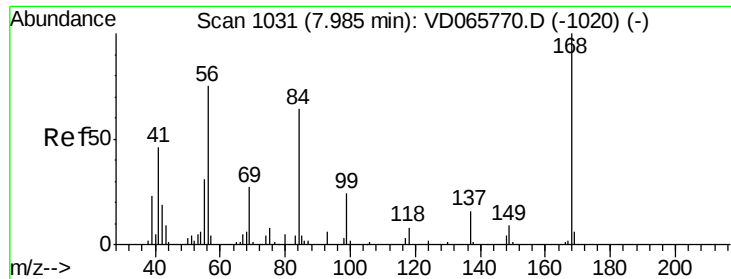
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

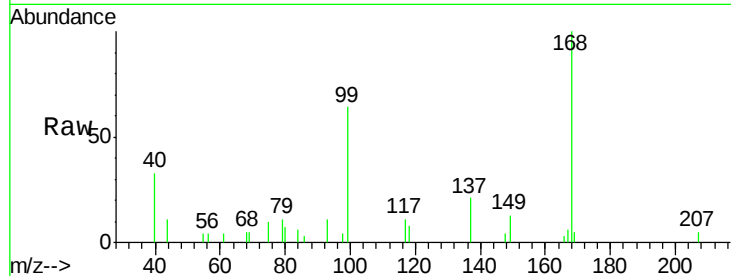
SB-15

Tot Ion:168 Resp: 11559

Ion Ratio Lower Upper

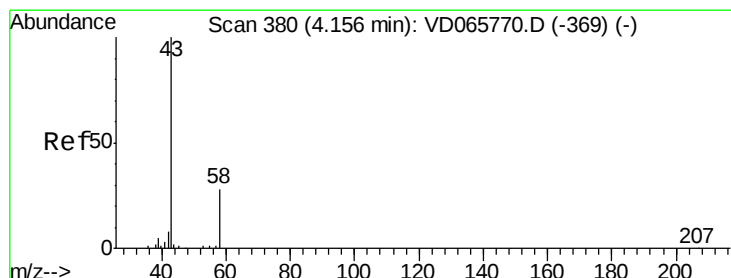
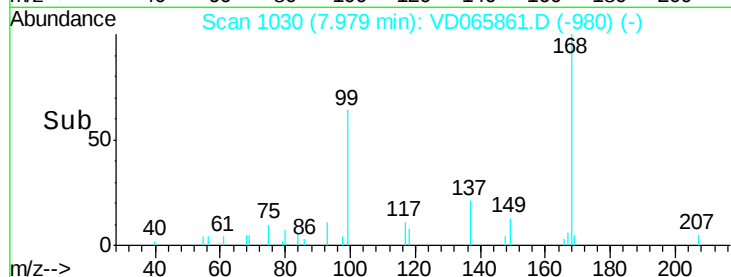
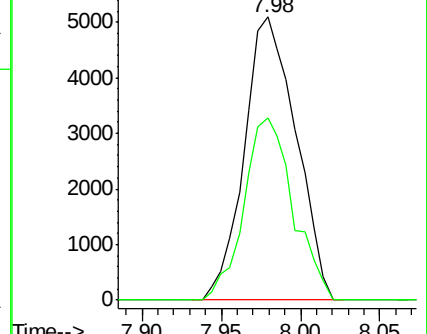
168 100

99 64.3 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 283.496 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065861.D

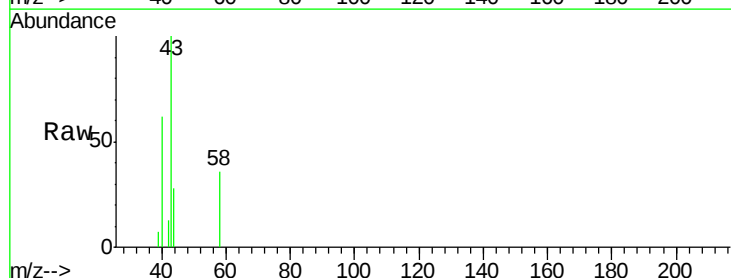
Acq: 23 Jun 2020 15:42

Tgt Ion: 43 Resp: 6108

Ion Ratio Lower Upper

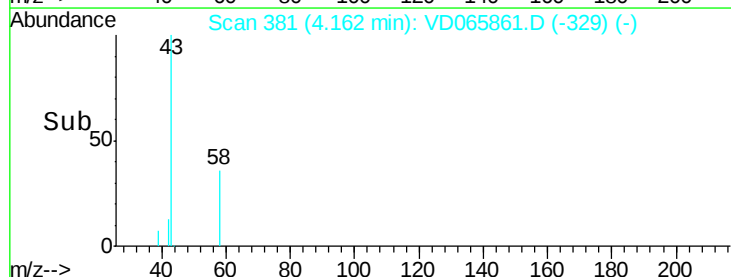
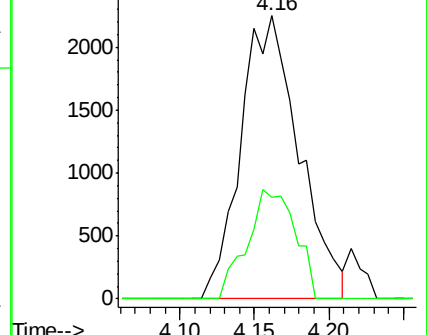
43 100

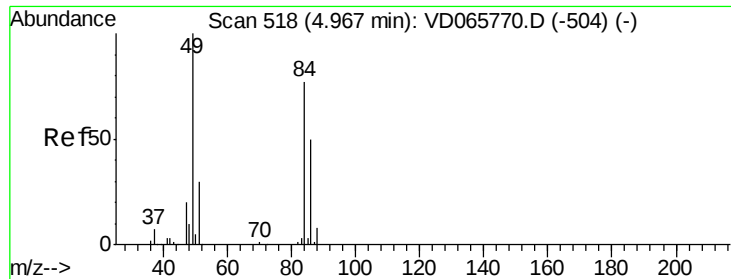
58 36.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

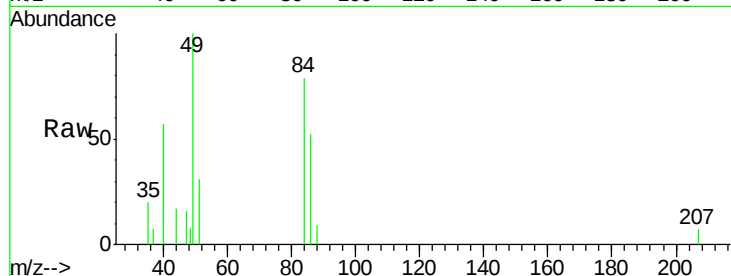




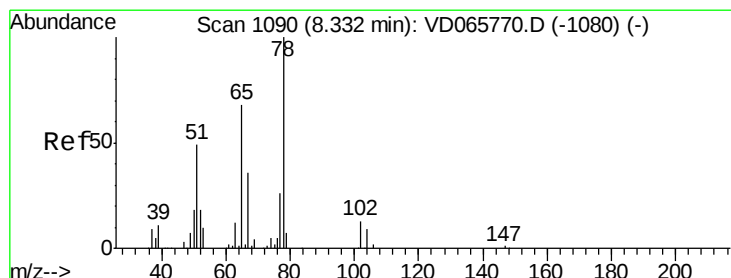
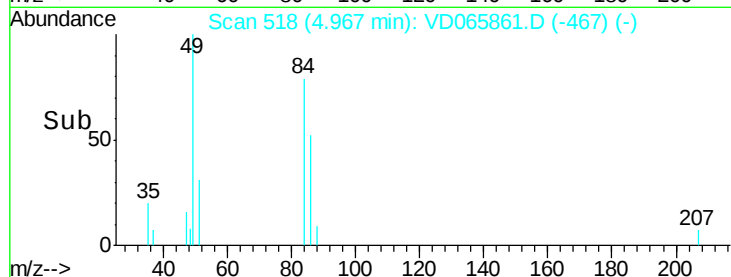
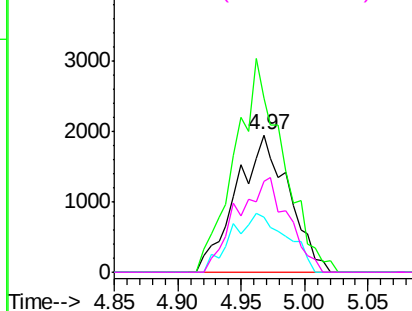
#20
Methvlene Chloride
Concen: 49.338 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

Instrument :
MSVOA_D
ClientSampled :
SB-15

Tot Ion: 84 Resp: 5652
Ion Ratio Lower Upper
84 100
49 127.0 103.4 155.0
51 39.8 31.4 47.2
86 66.1 51.7 77.5

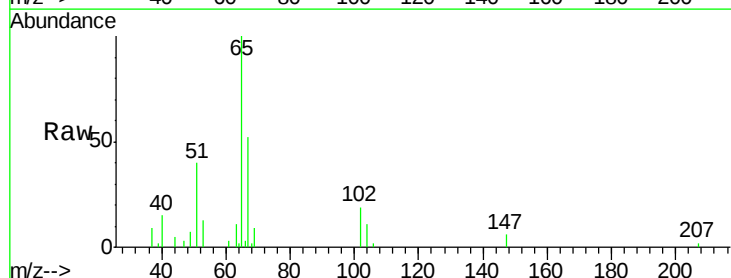


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

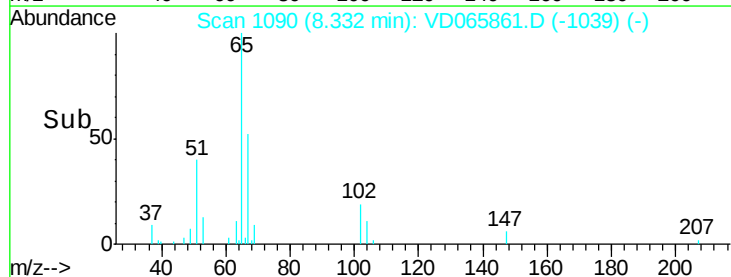
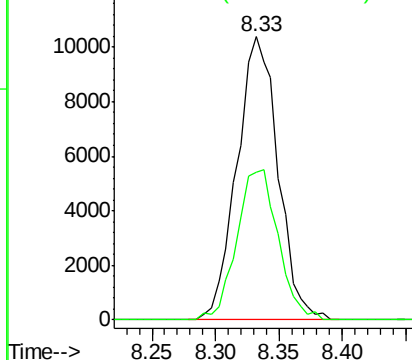


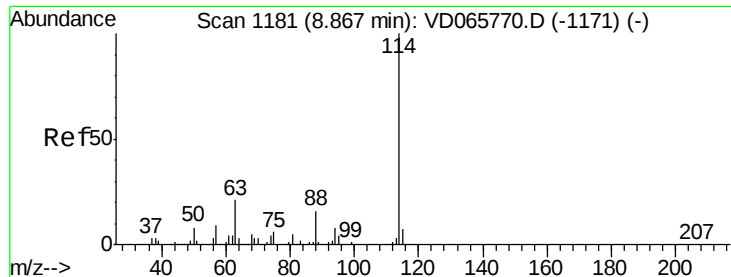
#33
1,2-Dichloroethane-d4
Concen: 205.160 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

Tgt Ion: 65 Resp: 23433
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

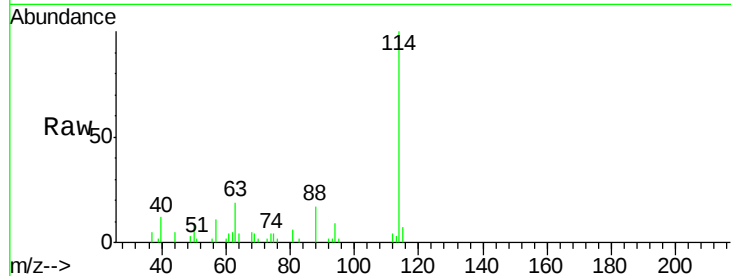




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15

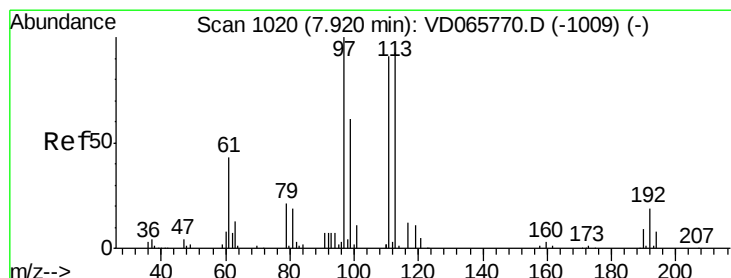
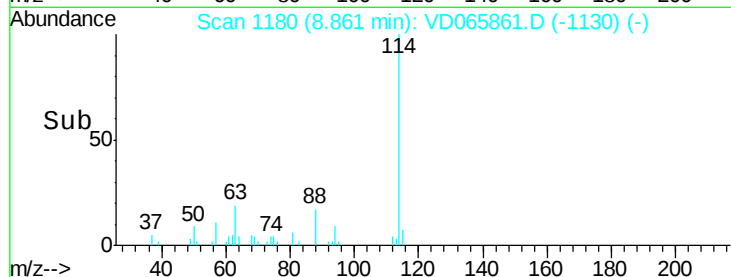
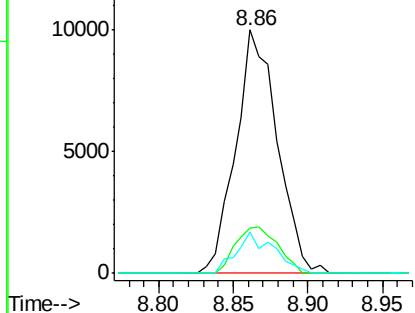
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	41.8
88	17.1	0.0	32.0



Abundance Ion 113.90 (113.60 to 114.60): V

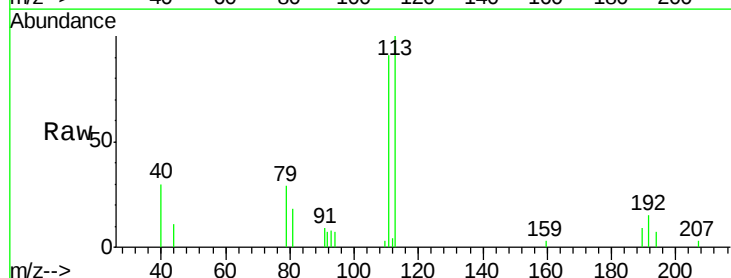
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 90.716 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

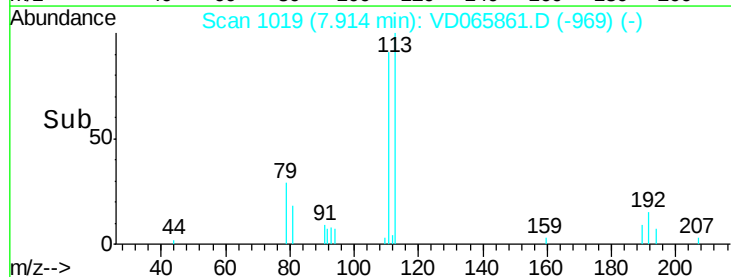
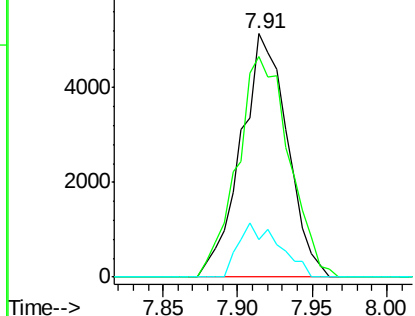
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.0
192	19.6	15.7	23.5

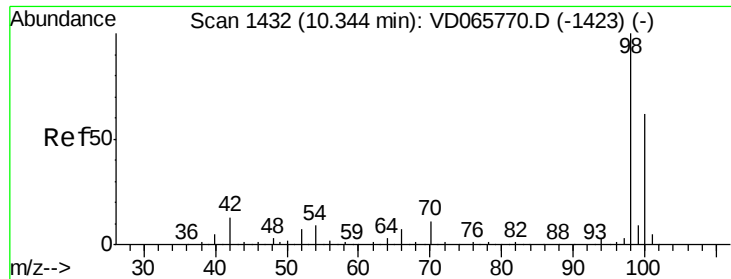


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.632 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

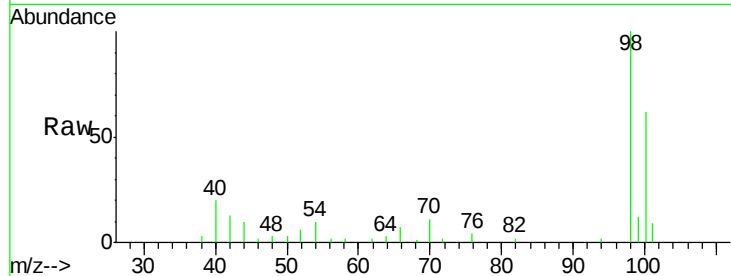
SB-15

Tot Ion: 98 Resp: 18956

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

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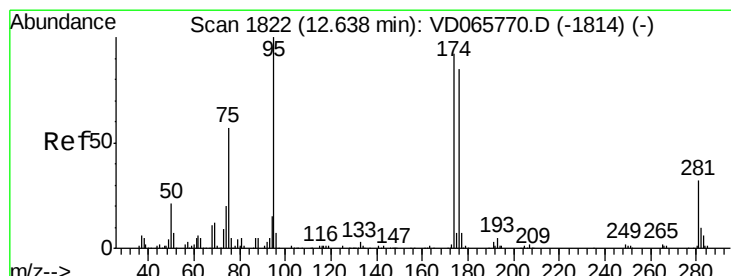
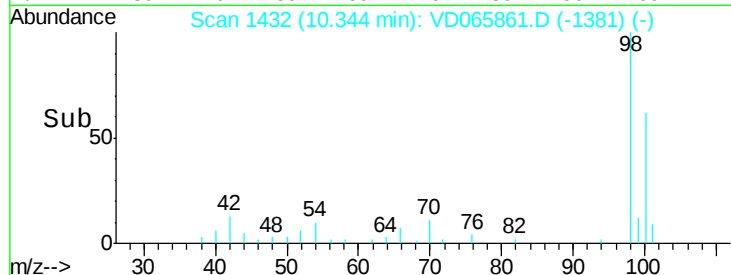
10.34

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10.34



#62

4-Bromofluorobenzene

Concen: 49.497 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

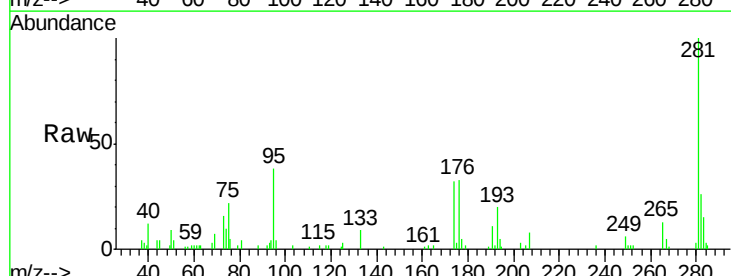
Tgt Ion: 95 Resp: 7643

Ion Ratio Lower Upper

95 100

174 76.1 0.0 175.2

176 79.1 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

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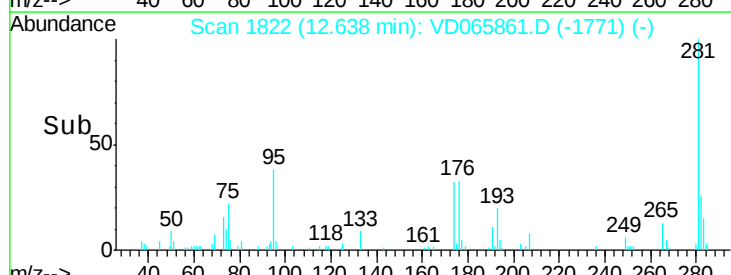
12.64

12.64

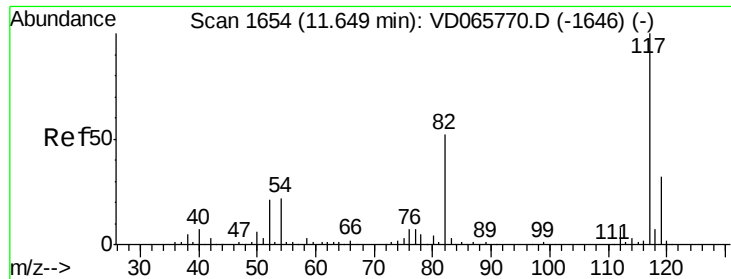
12.64

12.64

12.64



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

SB-15

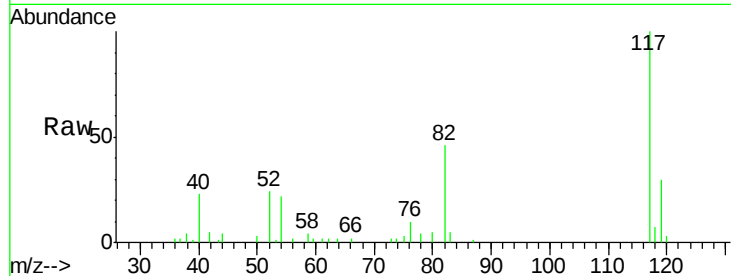
Tot Ion:117 Resp: 18843

Ion Ratio Lower Upper

117 100

82 45.6 41.9 62.9

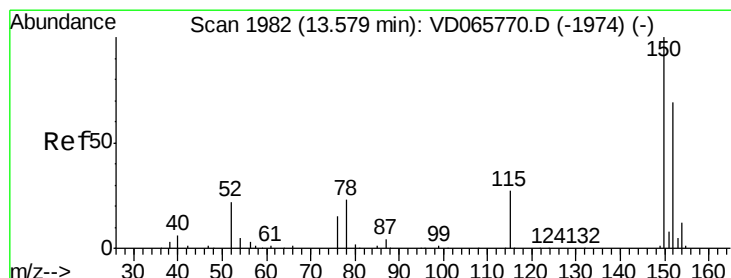
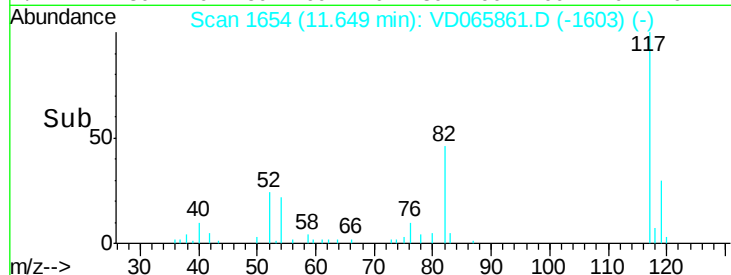
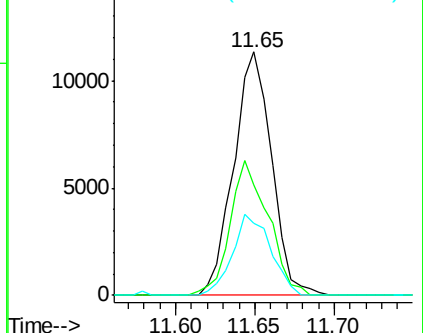
119 29.8 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

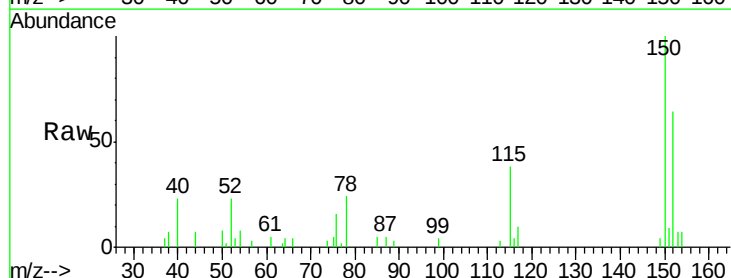
Tgt Ion:152 Resp: 7810

Ion Ratio Lower Upper

152 100

115 59.2 28.7 86.1

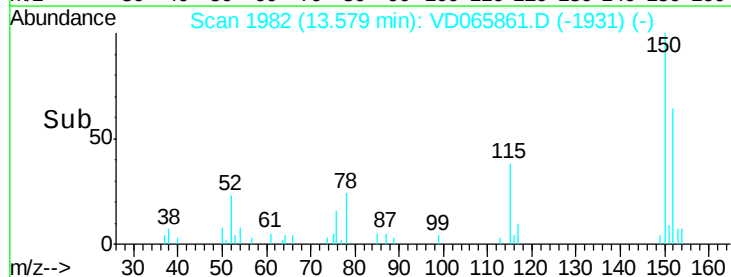
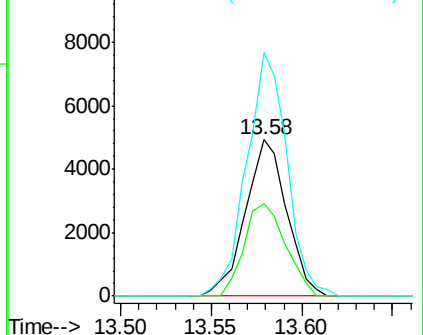
150 152.2 0.0 348.0

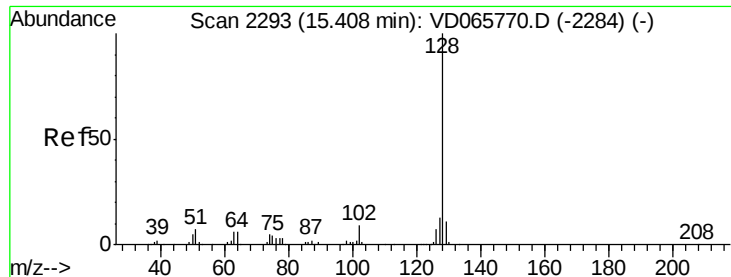


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 20.514 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

SB-15

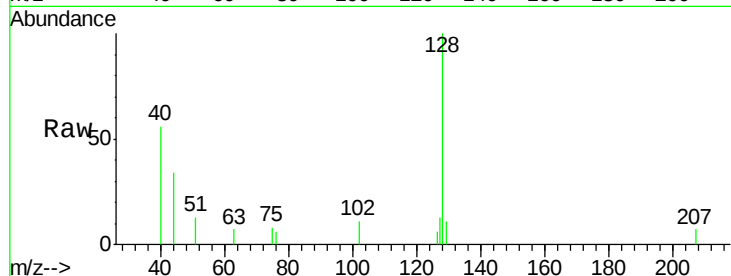
Tot Ion:128 Resp: 4967

Ion Ratio Lower Upper

128 100

127 16.7 10.7 16.1#

129 9.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

